

8. In claim 61, lines 8 and 9 change the following wording:

“perfectly reconstructing the received signal” to

---reconstructing the received signal---

9. Replace claim 62 with the following:

62. A mobile station for wireless communication, comprising:

at least one antenna; and

a receiver configured to receive a signal ($y(t)$) over a wireless communication channel via the at least one antenna, and sample the signal ($y(t)$) with a sampling frequency (f_s) lower than the sampling frequency given by the Shannon theorem, lower than the chip rate ($1/T_c$) of said received signal ($y(t)$), but greater than the rate of innovation (ρ) of said received signal ($y(t)$), for generating a set of sampled values ($y(nT_s)$) and to reconstruct the received signal ($y(t)$) using the set of sampled values ($y(nT_s)$).

10. In claim 64, lines 1 and 2 change the following wording:

“a noiseless wireless communication channel” to

---a wireless communication channel---

11. In claim 64, in both line 7 and line 8 change the following wording:

“perfectly reconstructing” to

Change(s) applied
to document,
/M.L.C./
9/7/2011